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(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:

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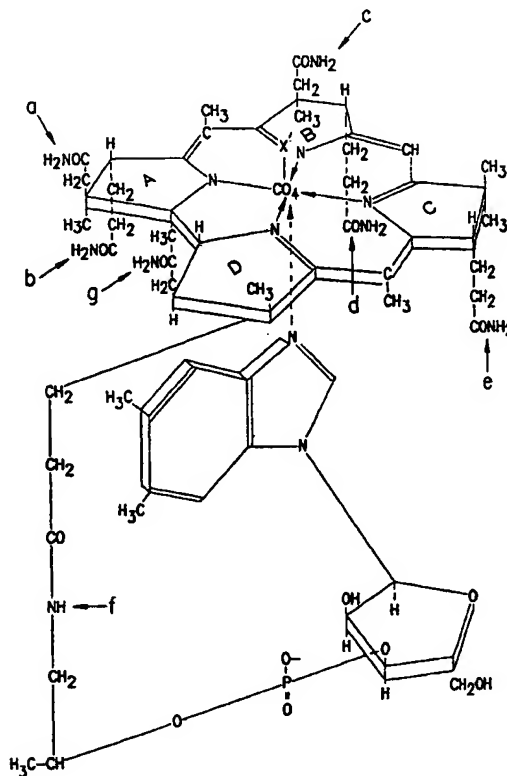
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[Continued on next page]

(54) Title: COBALAMIN CONJUGATES USEFUL AS ANTITUMOR AGENTS



[Continued on next page]

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(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(57) Abstract: The invention provides cobalamin compounds linked to a neutron capture therapy target (e.g. Boron-10 or Gadolinium-157), and optionally linked to a detectable moiety, as well as pharmaceutical compositions comprising the compounds, and methods for using the compounds in medical diagnosis and therapy.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/10100

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K41/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EMBASE, BIOSIS, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	HOGENKAMP, H. P. C. ET AL: "Synthesis and characterization of nido-carborane-cobalamin conjugates" NUCL. MED. BIOL. (2000), 27(1), 89-92 , XP002148452 cited in the application page 89, column 1, paragraphs 1,2; figures 1,2	1-74
E	WO 00 45857 A (SCHERING AG) 10 August 2000 (2000-08-10) claims	1-74
A	WO 92 09160 A (TAU SYSTEMS CORP) 29 May 1992 (1992-05-29) claims	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/10100

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 739 313 A (COLLINS DOUGLAS A ET AL) 14 April 1998 (1998-04-14) cited in the application column 3, line 44 - line 53; claims column 4, line 36 - line 40 ---	1
A	US 5 877 165 A (MIURA MICHIKO ET AL) 2 March 1999 (1999-03-02) claims -----	1-74

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claim(s) 70 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Although claims 69,71 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

INTERNATIONAL SEARCH REPORT

Information on patent family members

In. ational Application No

PCT/US 00/10100

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0045857 A	10-08-2000	NONE	
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